

Exercises:

1) $x = 3$
 $x = x + 3$
What is x ?

2) $x = 5 * 3$
 $y = 3$
 $x = x + 5$
 $y = y - x$
print x
print y

What is the output?

3) Evaluate the expression:
 $13 + 4 / 2 - (2**3 / 8)$

4) Is this valid?
 $2 + "4.0"$

5) Evaluate the expression:
 $"1" + "4" * (3 + 2)$

6) Evaluate the expression:
 $345 / 10 / 3 * 55 / 5 / 6 + 10 / (5 / 2.0)$

7) The volume of a sphere with radius r is:

$$\frac{4}{3}\pi r^3$$

If $r = 5$, what is the volume?

If you have your laptop, either write a Python script or use Python as a calculator.
Compare to your phone's calculator or google. Did you get the same answer?
If not, what do you think went wrong?

If you don't have a laptop, write out the expression in paper, and you can come to me and we can type it out with my computer.

8) $73 \% 10 - 6 \% 10 + 28 \% 3$

9) $1 / 2 > 0$ or $4 == 9 \% 5$ or $1 + 1 < 1 - 1$

10) $10 > 11 == 4 / 3 > 1$